APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200910051-0

Stereoisomeric Sodium Enolates, by A. N. Nesmeyanov, B. A. Saronova, E. I. Vasilyeva, 9 pp.

Full translation.

RUSSIAN, no per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1, Jan-Feb 1952, pp 73-76.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200910051-0

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Reaction of Ferrocene With Diazo Compounds, by A. N. Nesmeyanov.

RUSSIAN, thrice-mo per, Dok: Ak Nauk SSSR, Vol XCIX, 1954, pp 539-542.

Assoc Tech Sv RJ-251
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Reactions of Diphenylbromonium, Diphenylchloronium and Triphenyloxonium Salts With Metals, by A. N. Nesmeyanov, T. P. Tolstaya, L. S. Isayeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 2, 1959, pp 330-333.

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Preparation of Ketones Containing an Atom of Tin in a Position to the Carbonyl Group, by A. N. Nesmeyanov, I. F. Lutsenko, S. V. Ponomarev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5, 1959, pp 1073-1075.

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Vinyl Esters of Phosphorous Acid, by A. N. Nesmeyanov, I. F. Lutsenko, Z. S. Kraits, A. P. Bokovoy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 6, 1959, pp 1251-1254.

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Synthesis of Ferrocene Derivatives by Means of N,N-Dimethylaminomethylferrocene Methiodide, by A. N. Nesmeyanov, E. G. Perevalova, L. S. Shilovtseva, Yu. A. Ustynyuk, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2, 1959, pp 331-334.

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Synthesis of 2,8-Diaryl-1,9-Diazadehydroquinolizinium Salts, by A.N. Nesmeyanov, M. I. Rybinskaya, 5 pp.

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Derivatives of Unsaturated Phosphonic Acids. Communication 7. Diesters of 2-Phenoxyvinyl-phosphonic Acid, by K. N. Anisimov, N. E. Kolobova, A. N. Nesmeyanov, 2 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3, May Jun 1955, pp 432-434. CIA C 39502

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200910051-0

Hydrogen Substitution Reactions of Ferrocene,
by A. N. Nesmeyanov.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol XCVII, 1954, pp 459-461.

Assoc Tech Sv RJ-252
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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200910051-0

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200910051-0

Nesmeyanov, A. N., Perevalova, E. G. and others. ARYLFERROCENES AND FERROCENYLAMINE. [1961] 8p. 4 refs.
Order from OTS or SLA $1.10 61-20228

Trans. of Akademiya Nauk SSSR. Doklady, 1955, v. 102, no. 3, p. 535-538.

DESCRIPTORS: *Ferrocenes, *Nitrophenols, Phenols, *Amines, *Anilines, Isomers, Chemical reactions, Synthesis.

Experiments are described in which m-nitrophenylferrocene and p-ferrocenylphenol were obtained with diazo compounds and in which m-nitrophenylphenylferrocene and the previously described p-isomer (Akad. Nauk SSSR. Doklady 97: 459-461, 1954; available in translation from LC or SLA as 59-10645) were used for preparing m- and p-ferrocenylanilines. (Chemistry--Organic, TT, v. 6, no. 11)

61-20228

I. Nesmeyanov, A. N.
II. Perevalova, E. G.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200910051-0

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Application of Adsorption Chromatography in Work with Ferrocene Derivatives
By A. N. Nesmeyanov, I. I. Kritskaya (p. 6)

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 10, 1962, pp. 1777-1782

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200910051-0

Addition of Benzenethiol to 2-Cyanovinyl Ketones, by A. N. Nesmeyanov, I. V. Rybin, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 8, 1961, pp 1451-1453.

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The Vapor Pressure of Thallium Determined by the Use of Radioactive Tracers, by L. Kh. Genov, An. N. Nesmeyanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 1, 1961, pp 159-161.

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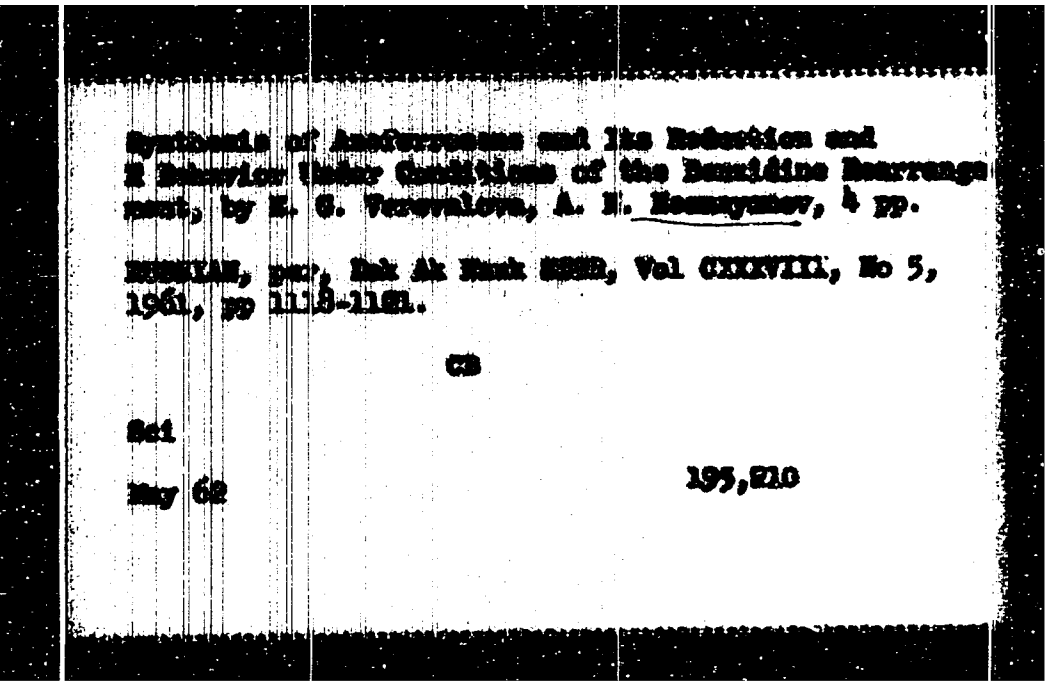

Synthesis of Azotirpenes and Its Reduction and
Z Behavior Under Conditions of the Benzidine Rearrange
ment, by M. G. Terentiyeva, A. I. Ermuzyevich, 4 pp.

DOKLADY, pub. Izd Ak Nauk SSSR, Vol CXXXVIII, No 5,
1961, pp 1118-1121.

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Preparation of Some Chloro Fluoro Derivatives from 1,1,1,3-Tetrachloropropane, by A. N. Nesmeyanov, V. N. Kost, pp 5

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3, 1960, pp 447-451.

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Reactions of o-Carboxybenzoylferrocene, by A. N. Nesmeyanov, V. D. Vil'chevskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVIII, No 2, 1961, pp 390-392.

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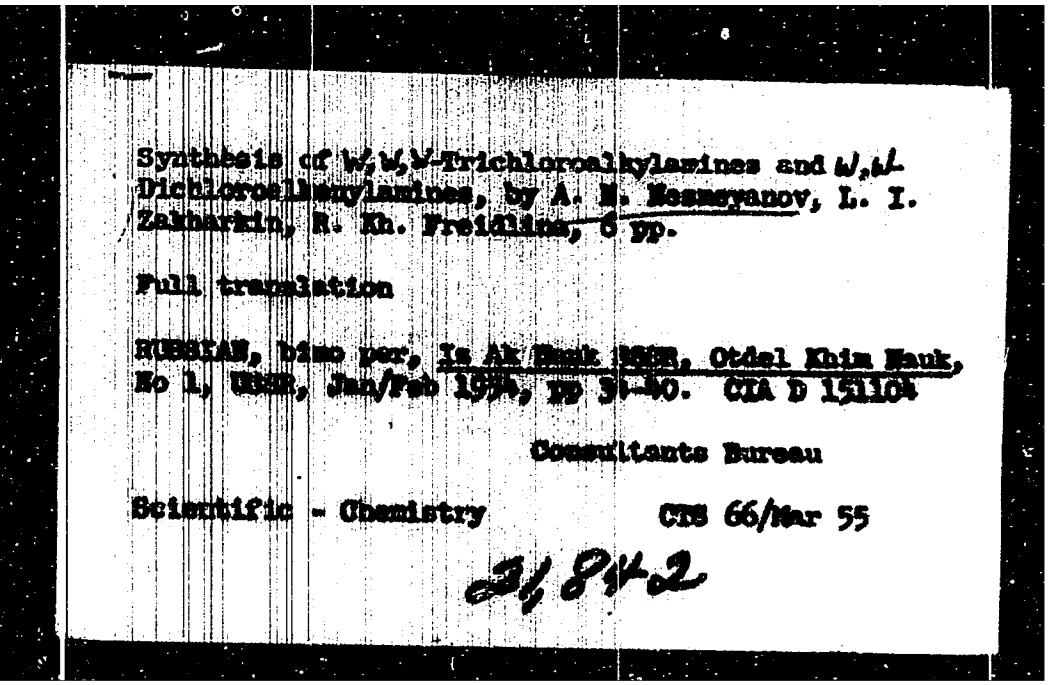

Synthesis of ω,ω,ω-Trichloroalkylamines and ω,ω-Dichloroalkylamines, by A. E. Arbuzov, L. I. Zakharkin, R. Kh. Freidlina, 6 pp.

Full translation

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1, USSR, Jan/Feb 1954, pp 31-40. CIA D 151104

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200910051-0

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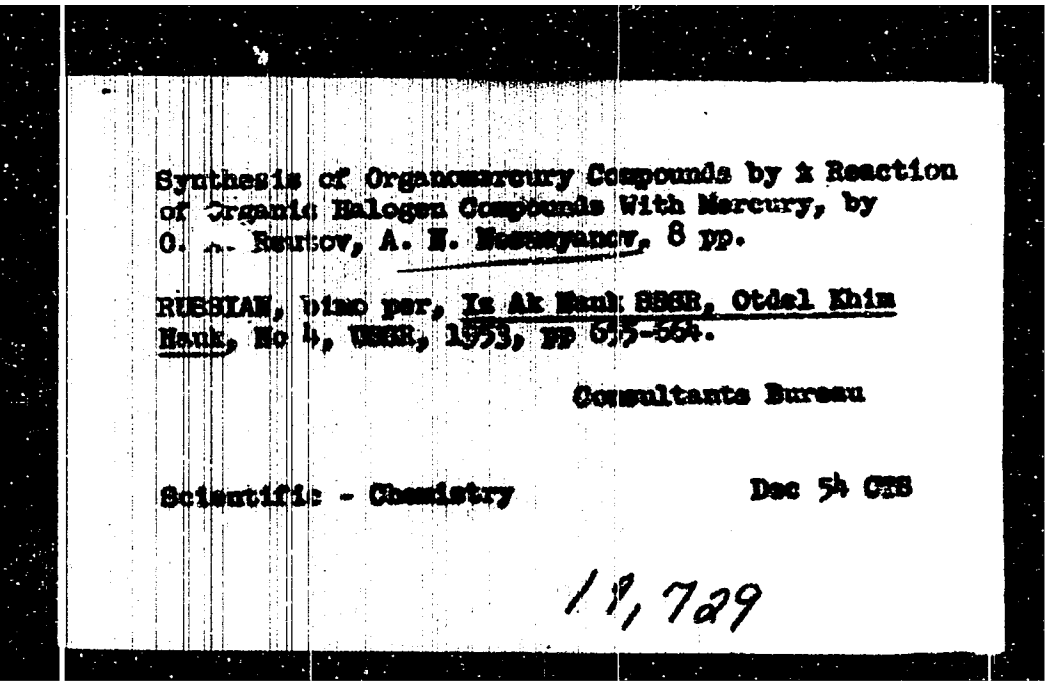

Synthesis of Organomercury Compounds by a Reaction of Organic Halogen Compounds With Mercury, by O. A. Reutov, A. N. Nesmeyanov, 8 pp.

RUSSIAN, Otdel Khim Nauk, Izv Ak Nauk SSSR, Otdel Khim Nauk, No 4, USSR, 1953, pp 675-684.

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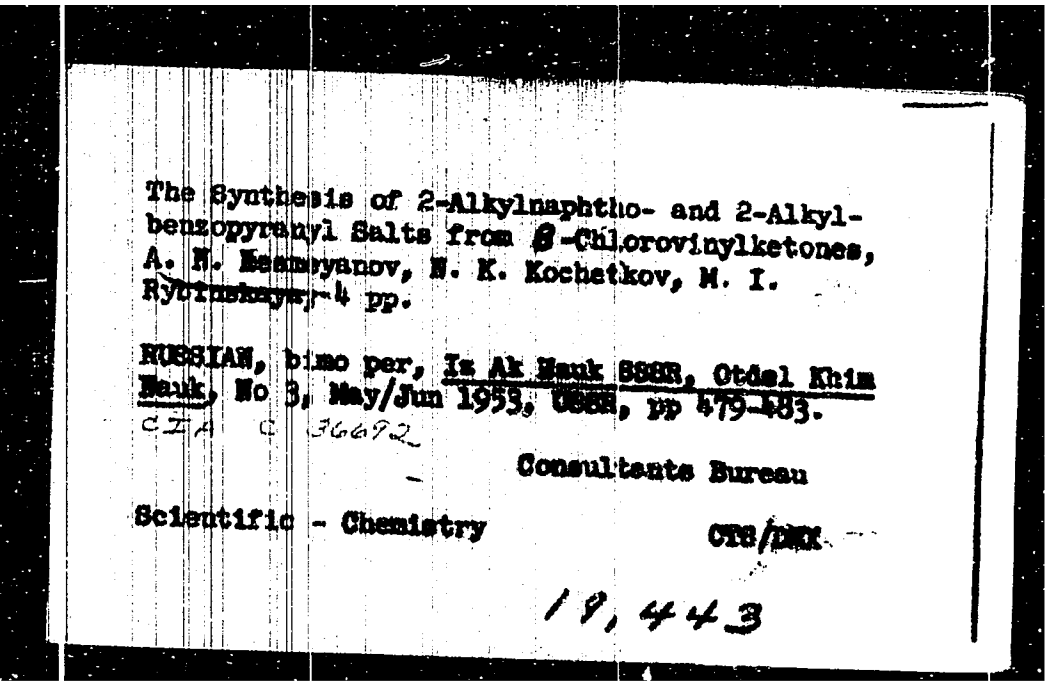

The Synthesis of 2-Alkylnaphtho- and 2-Alkylbenzopyranyl Salts from β-Chlorovinylketones, A. N. Kost'yanov, N. K. Kochetkov, M. I. Rybinskaya, 4 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3, May/Jun 1953, USSR, pp 479-483.
CIA C 36692

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Optically Active Organomercury Compounds. Communication 1. Preparation of the Diasterioisomeric (l)-Menthyl Esters of (Bromomercuri)Phenylacetic Acid, by A. N. Nesmeyanov, O. A. Reutov, S. S. Podobarova, 5 pp.

RUSSIAN, Izv Ak Nauk SSSR, Otdel Khim Nauk, No 4, USSR, 1953, pp 649-654.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200910051-0

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200910051-0

Nesmeyanov, A. N. and Kocheshkov, K. A.
SYNTHESIS OF METALLOORGANIC COMPOUNDS BY METHOD OF DOUBLE DIAZONIUM SALTS. XVII. SYNTHESIS OF TETRAPHENYLLEAD BY THE ACTION OF METALLIC LEAD POWDER ON PHENYLDIAZONIUM BOROFLUORIDE. [1963] 5p. 10 refs.
Order from OTS or SLA $1.10 63-16035

Trans. of Akademiya Nauk SSSR. Otdelenie Khimicheskikh Nauk. Izvestiya, 1945, no. 5, p. 522-524.

DESCRIPTORS: *Phenyl radicals, *Lead compounds, *Boron compounds, *Fluorides, Lead, Metal powders, Azo radicals, *Metalorganic compounds, Synthesis (Chemistry).

It is shown that through the decomposition of phenyldiazonium borofluoride with metallic lead powder tetraphenyllead is obtained. (Author)
(Chemistry--Organic, TT, v. 10, no. 9)

63-16035

1. Title: Phenyldiazonium borofluoride
2. Title: Tetraphenyllead
I. Nesmeyanov, A. N.
II. Kocheshkov, K. A.
III. Title: Synthesis . . .

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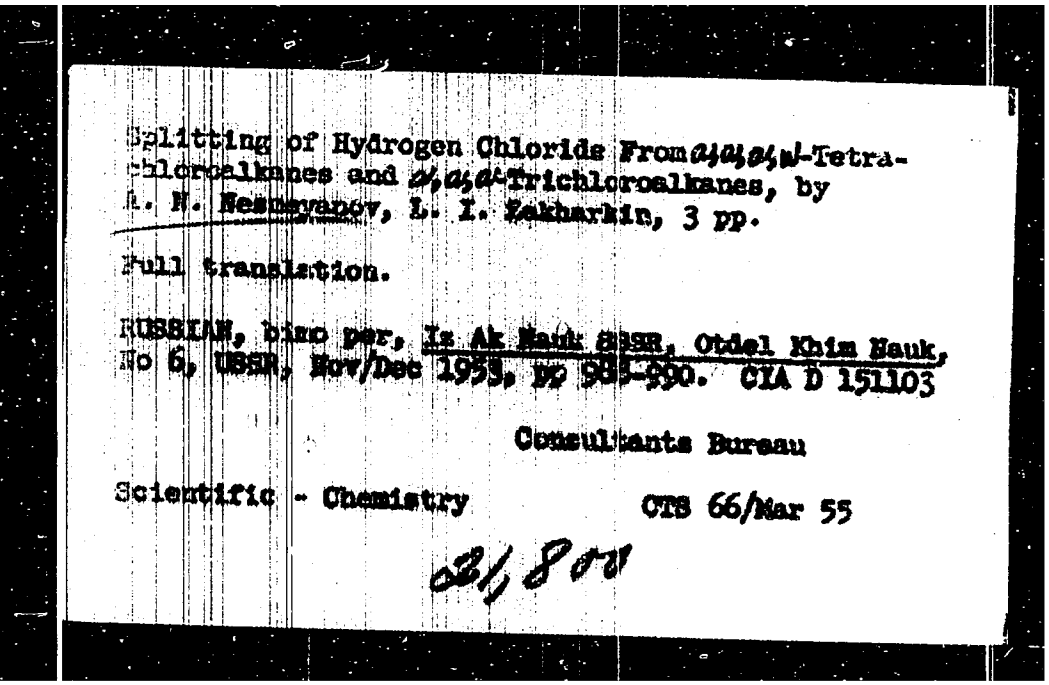

Splitting of Hydrogen Chlorids From α,α,α',α'-Tetra-chloroalkanes and α,α,α-Trichloroalkanes, by L. N. Nesmeyanov, L. I. Zakharkin, 3 pp.

Full translation.

RUSSIAN, binc per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, USSR, Nov/Dec 1953, pp 985-990. CIA D 151103

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Scientific - Chemistry CTS 66/Mar 55

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200910051-0

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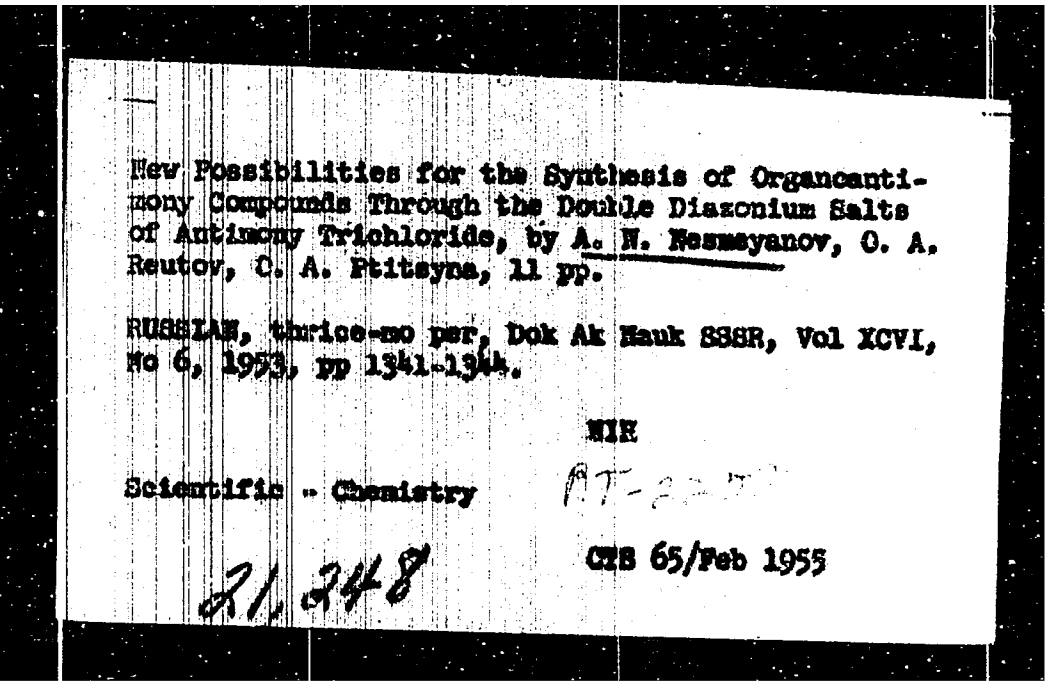

New Possibilities for the Synthesis of Organoantimony Compounds Through the Double Diazonium Salts of Antimony Trichloride, by A. N. Nesmeyanov, O. A. Reutov, O. A. Ptitsyna, 11 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCVI, No 6, 1953, pp 1341-1344.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200910051-0

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Synthesis of Aromatic Organometallic Compounds of Bismuth Through Diazo Compounds, by A. N. Nesmeyanov, T. P. Tolstaya, L. S. Isayeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 4, 1958, pp 614-617.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200910051-0

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200910051-0

Synthesis of Arylstibonic Acids via Double Salts of Diazonium Salts and Antimony Pentachloride, by A. N. Nesmeyanov, O. A. Reutov, P. S. Knol, 6 pp.

Full translation.

RUSSIAN, binc per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3, USSR, May-Jun 1954, pp 410-417. CIA D 151316

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200910051-0

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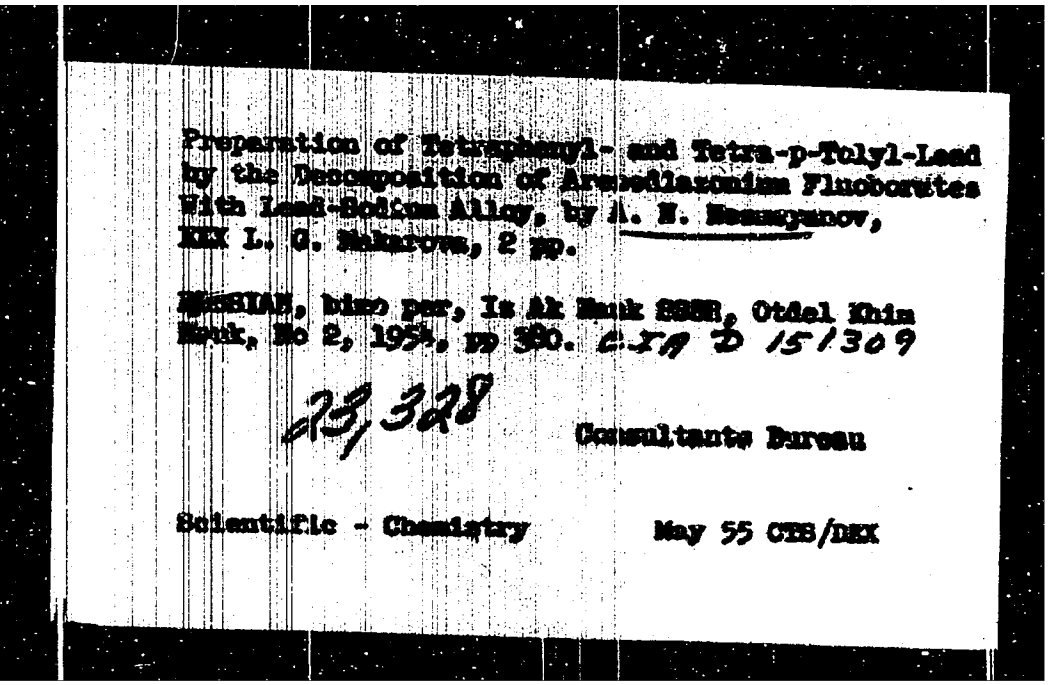

Preparation of Tetraphenyl- and Tetra-p-Tolyl-Lead by the Decomposition of Arenediazonium Fluoborates With Lead-Sodium Alloy, by A. N. Nesmeyanov, and L. G. Makarova, 2 pp.

[illegible], Mono per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2, 1954, pp 380. [illegible] D 151309

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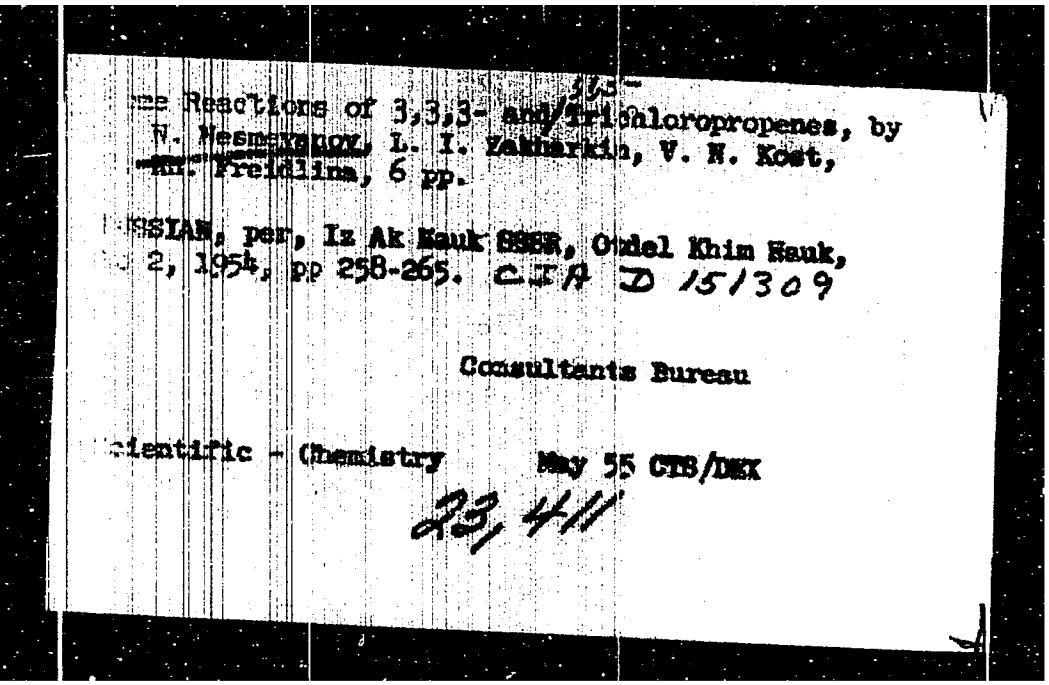

[illegible] Reactions of 3,3,3- and/or Trichloropropenes, by
[illegible] N. Nesmeyanov, L. I. Zakharkin, V. N. Kost,
[illegible] M. Freidlina, 6 pp.

[illegible]SSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
[illegible] 2, 1954, pp 258-265. CIA D 151309

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200910051-0

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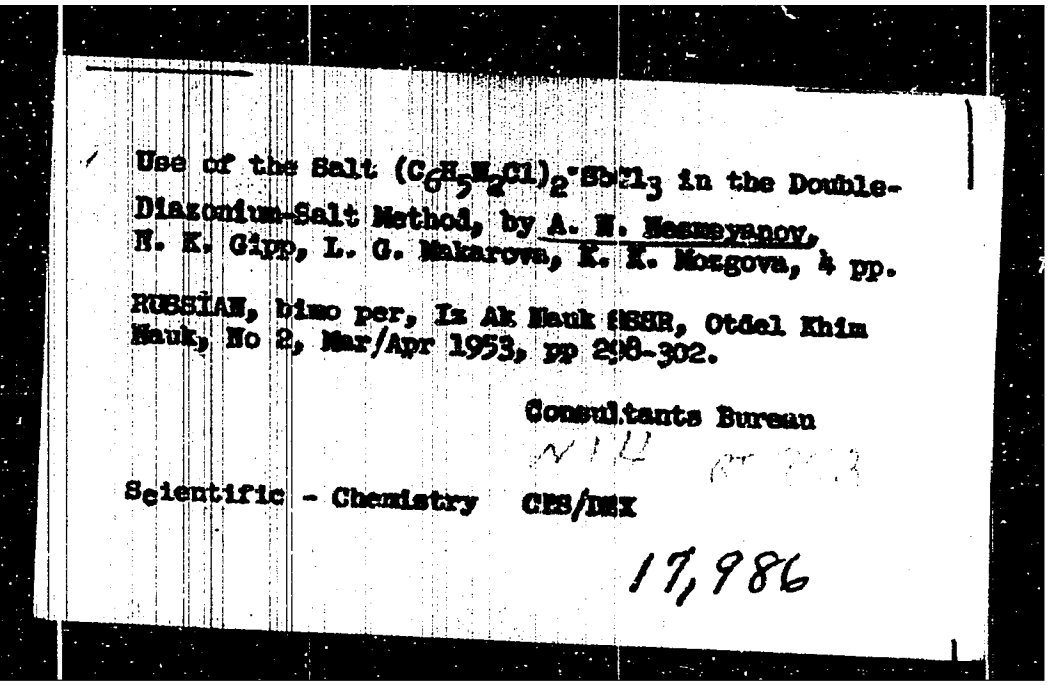

Use of the Salt $(C_6H_5N_2Cl)_2 \cdot SbCl_3$ in the Double-Diazonium-Salt Method, by A. N. Nesmeyanov, N. K. Gipp, L. G. Makarova, K. K. Mozgova, 4 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2, Mar/Apr 1953, pp 298-302.

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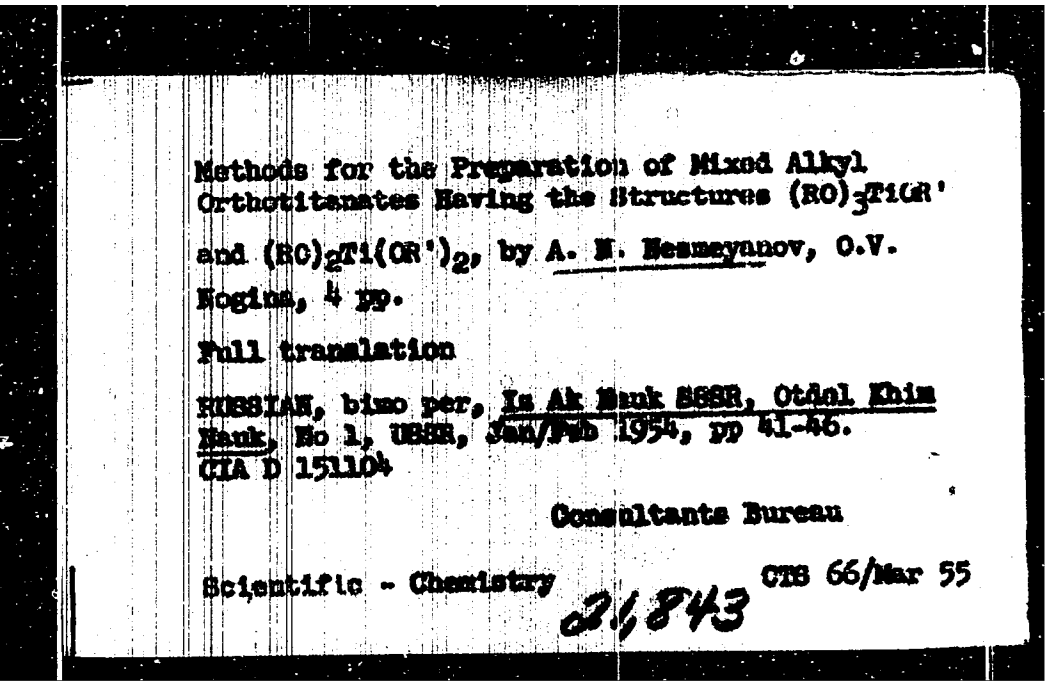

Methods for the Preparation of Mixed Alkyl Orthotitanates Having the Structures $(RO)_3TiOR'$ and $(RO)_2Ti(OR')_2$, by A. N. Nesmeyanov, O.V. Nogina, 4 pp.

Full translation

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1, USSR, Jan/Feb 1954, pp 41-46.
CIA D 151104

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200910051-0

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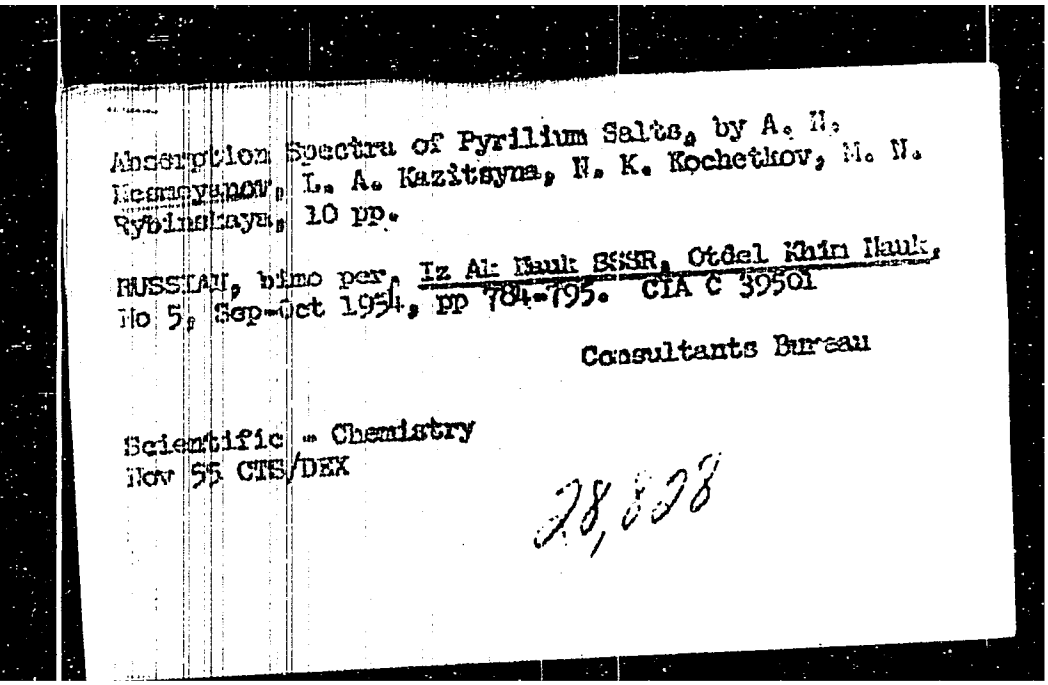

Absorption Spectra of Pyrilium Salts, by A. N. Kamaryanov, L. A. Kazitsyna, N. K. Kochetkov, M. N. Sybinskaya, 10 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 5, Sep-Oct 1954, pp 784-795. CIA C 39501

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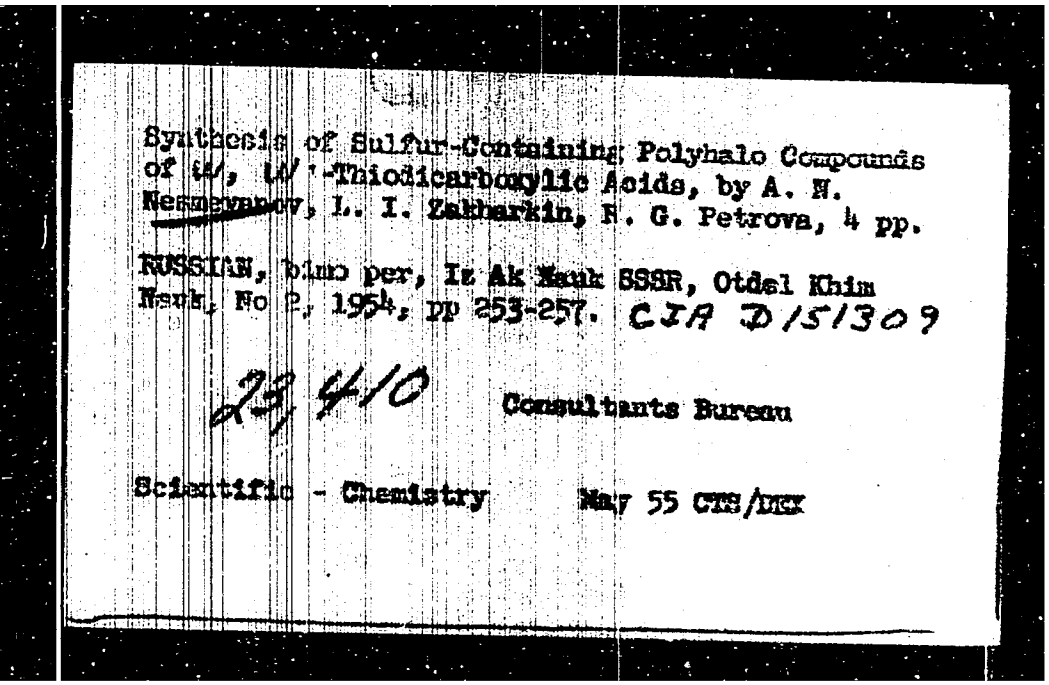

Synthesis of Sulfur-Containing Polyhalo Compounds of α, α'-Thiodicarboxylic Acids, by A. N. Nesmeyanov, L. I. Zakharkin, N. G. Petrova, 4 pp.

RUSSIAN, Biul per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2, 1954, pp 253-257. CIA D/51309

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Rearrangement of 2-Phenoxyvinyl Ketones, by A. N. Nesmeyanov, N. K. Kochetkov, M. I. Rybinskaya, 7 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3, USSR, May-Jun 1954, pp 421-426. CIA D 151316

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Derivatives of Unsaturated Phosphonic Acids. Communication 2. β-Alkoxy(phenoxy)vinylthiophosphonyl and β-Arylvinylthiophosphonyl Chlorides, by K. N. Anisimov, N. P. Kolobova, A. N. Nesmeyanov, 4 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 5, Sep-Oct 1954, pp 796-798. CIA C 39501

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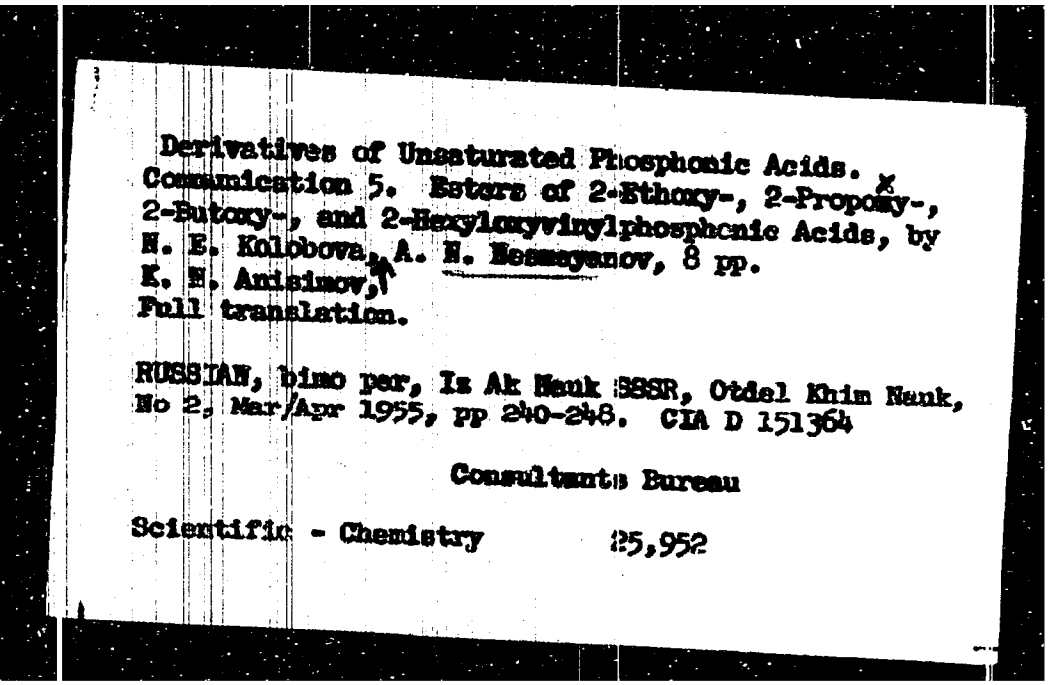

Derivatives of Unsaturated Phosphonic Acids. X Communication 5. Esters of 2-Ethoxy-, 2-Propoxy-, 2-Butoxy-, and 2-Hexyloxyvinylphosphonic Acids, by N. E. Kolobova, A. N. Bezmayanov, K. N. Anisimov, 8 pp.
Full translation.

RUSSIAN, bimo per, Is Ak Nauk SSSR, Otdel Khim Nauk, No 2, Mar/Apr 1955, pp 240-248. CIA D 151364

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Intramolecular Acylation in the Ferrocene Series, by A. N. Nesmeyanov, M. A. Vol'kenau, V. D. Vil'chevskaya, 6 pp.

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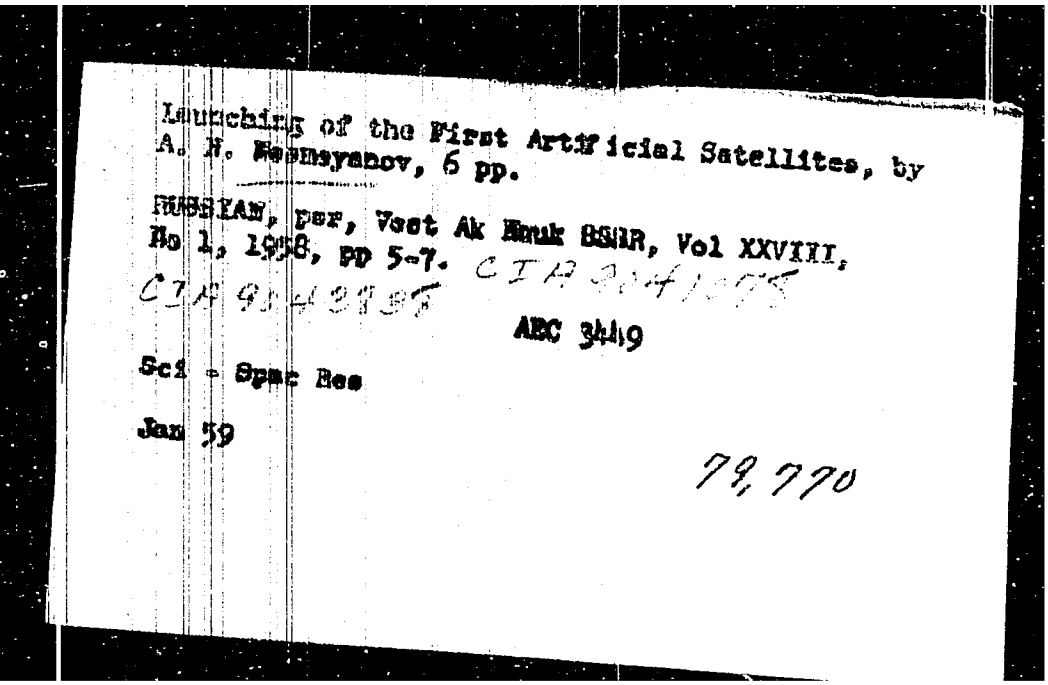

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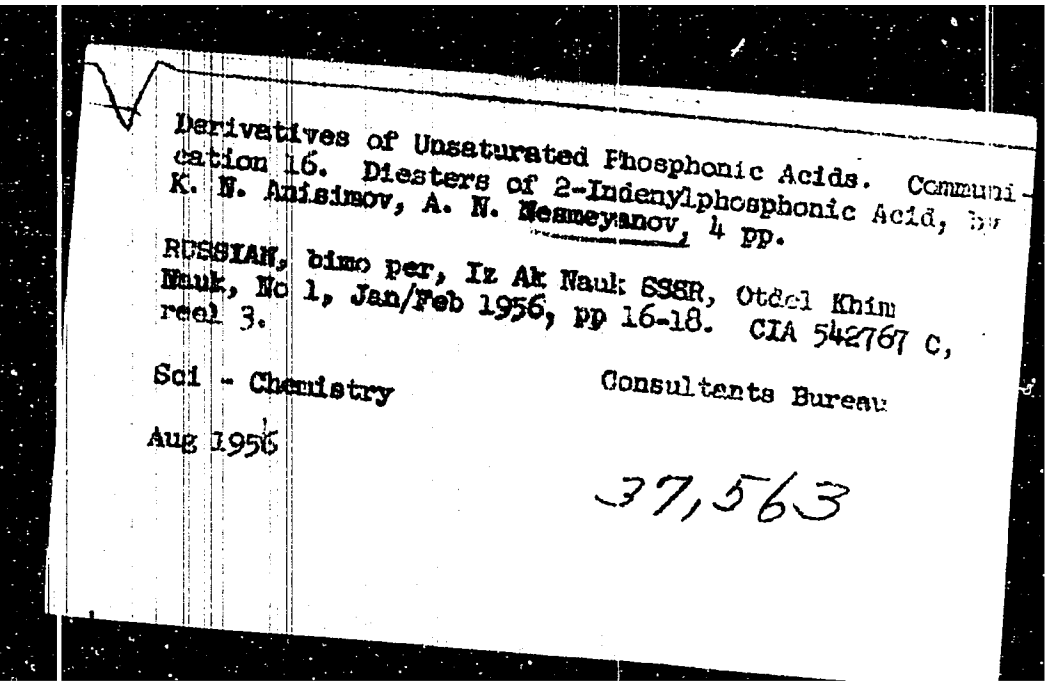

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Chlorination and Dehydrochlorination of Polychloro Compounds Containing Reactive Groups, by R. Kh. Freidlina, V. N. Kost, A. N. Nesmeyanov, 6 pp.

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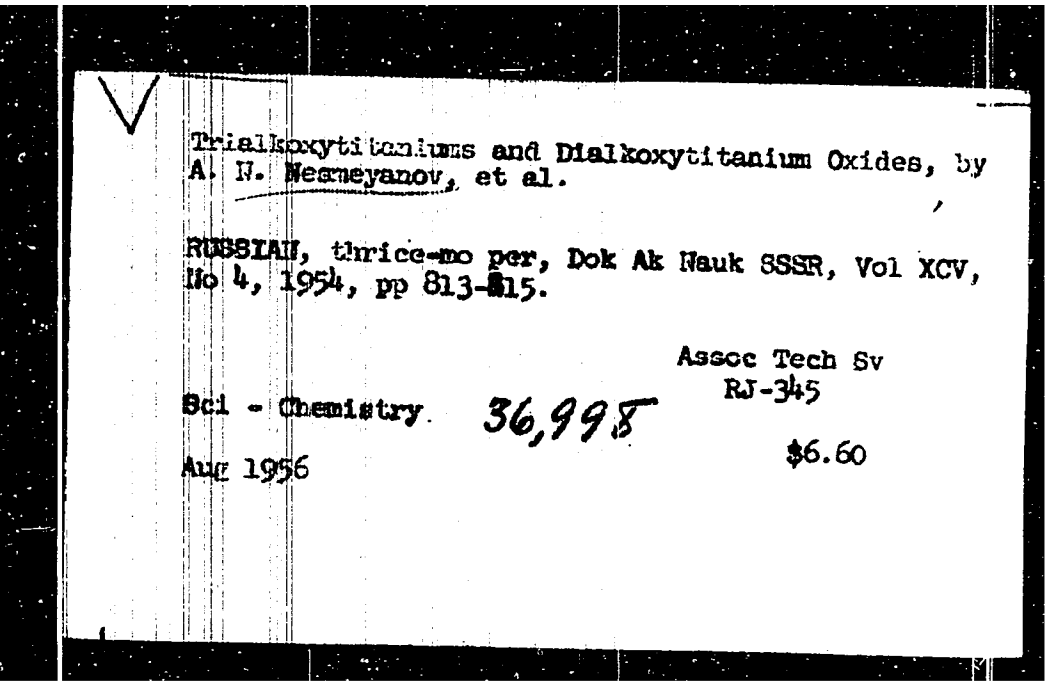

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Introductory Speech of Academician A. N. Nesmeyanov, President of the Academy of Sciences USSR, 6 pp.

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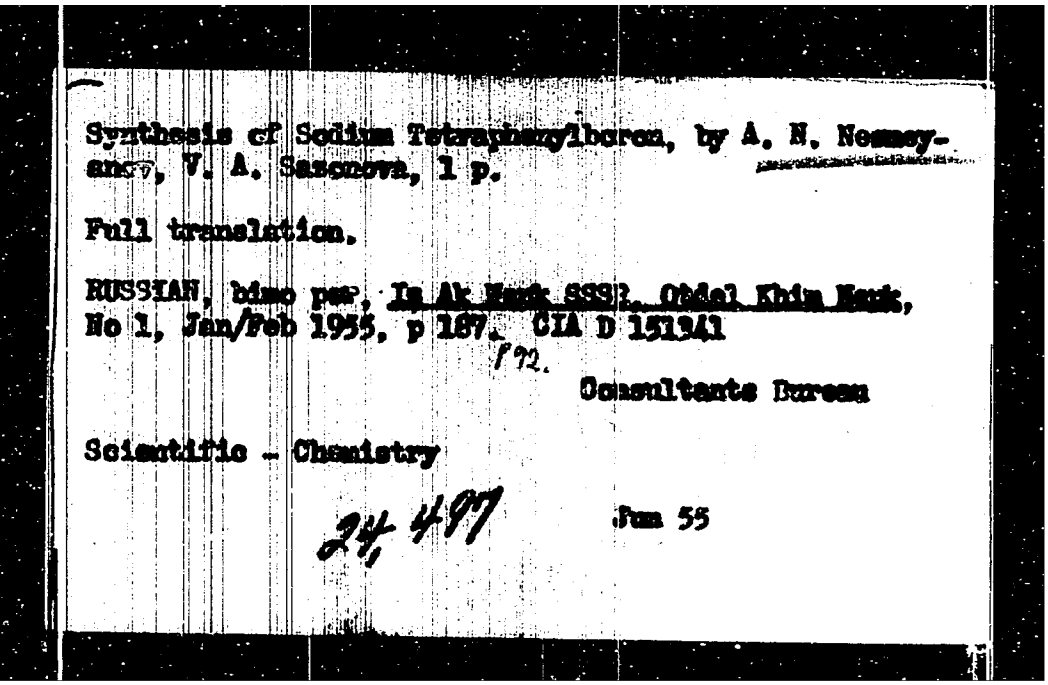

Synthesis of Sodium Tetraphenylboron, by A. N. Nesmeyanov, V. A. Sazonova, 1 p.

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Neamcyanov, A. N., Freydlina, R. Kh., and Belyavskiy, A. V.
TELOMERIZATION OF ETHYLENE WITH TETRACHLOROETHYLENE. [1960] 4p. 4 refs.
Order from LC or SLA mi$1.80, ph$1.80 61-10640

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1958, v. 122, no. 5, p. 821-824.

Tetrachloroethylene (1000ml) and water (500 ml) were placed in a rocking autoclave of stainless steel with a volume of 2700 ml. Ethylene was introduced at 50 atm and the mixture was heated at 140°C. Over a period of 15 hr, a total of 12 g of t-butyl peroxide in 200 ml of tetrachloroethylene was added at the rate of 20 ml every 1.5 hr. The mixture obtained was fractionated and the individual tetrachloroalkenes were determined. Reactions of tetrachloroalkenes (n = 2, 3) with diethylamine produced diethylamino compounds of the structure $(C_2H_5)_2N(CH_2CH_2)_nCCl = CCl_2$. Reactions of the diethylamino compounds with metallic sodium gave
(Chemistry--Organic, TT, v. 5, no. 9) (over)

61-10640

1. Vinyl chlorides--Polymerization
2. Ethylenes--Polymerization
3. Title: Telomerization
I. Neamcyanov, A. N.
II. Freydlina, R. Kh.
III. Belyavskiy, A. V.

Office of Technical Services

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First All-Union Conference of Higher Educational Institutions on Radiochemistry of the USSR, by A. V. Lapitskiy, An. N. Nesmeyanov, 8 pp.

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JPRS 2807

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Derivatives of Unsaturated Phosphonic Acids. Communication 8. β-Alkoxyethoxyvinylphosphonyl and β-Alkoxyethoxyvinylthiophosphonyl Chlorides, by K. N. Anisimov, N. E. Kolobova, A. N. Nesmeyanov, 4 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 5, Sep-Oct 1954, pp 799-802. CIA C 39501

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Reactivities of 1-Mono- and 1,1'-Bis-p-Nitrophenylferrocenes and of 1,1'-Diacetylferrocene, by A. N. Nesmeyanov, E. G. Perevalova, R. V. Golovnya, T. A. Simakova, O. V. Starovskiy, 3 pp.

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Intramolecular Acylation in the Ferrocene Series. Cyclization of γ -Ferrocenyl-Substituted Acids and Keto Acids, by A. N. Nesmeyanov, N. A. Vol'kenau, V. D. Vil'chevskaya, 4 pp.

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The Reaction of β-Cyanovinyl Ketones with Secondary Amines, by A. N. Kost, M. I. Rybinskaya, 4 pp.

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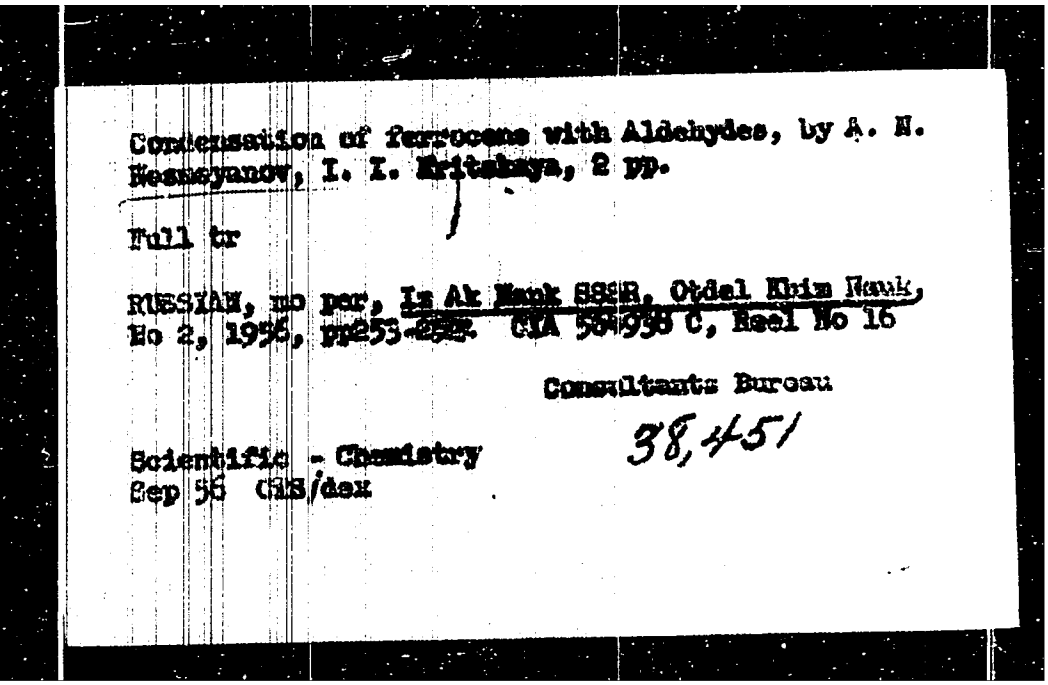

Condensation of Ferrocene with Aldehydes, by A. N. Nesmeyanov, I. I. Kritskaya, 2 pp.

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Derivatives of Unsaturated Phosphonic Acids. Communication 11. Diesters of 2-(2-Alkoxyethoxy) Vinylphosphonic Acids, by K. N. Anisimov, N. E. Kolobova, A. N. Nesmeyanov, 6 pp.

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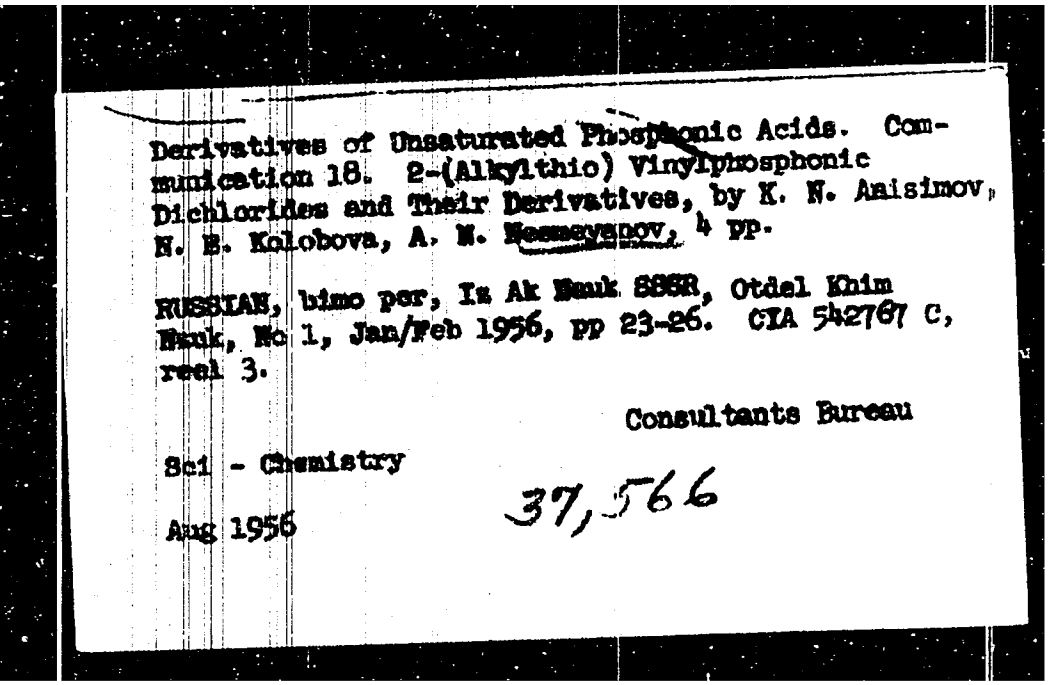

Derivatives of Unsaturated Phosphonic Acids. Communication 18. 2-(Alkylthio) Vinylphosphonic Dichlorides and Their Derivatives, by K. N. Anisimov, N. B. Kolobova, A. N. Nesmeyanov, 4 pp.

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Measurement of the Vapor Pressure of Solid Chromium by Means of Radioactive Indicators, by An. N. Nesmeyanov, De Dyk Man, 4pp.

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The Measurement of the Vapor Pressures of the Solid Solutions Au-Ag and Au-Cu, by An. N. Nesmeyanov, L. A. Smakhtin, V I. Lebedev, 4 pp.

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Some Reactions of Alkyl 2-Phenoxyvinyl Ketones, by A. N. Nesmeyanov, N. K. Kochetkov, M. I. Rybinskaya, E. V. Uglova, 6 pp.

Full translation.

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Reaction of Alkyl Orthotitanates With Titanium Tetrachloride in a Piperidine Medium, by A. N. Nesmeyanov, R. Kh. Freidlina, E. M. Brainina, 4 pp.

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RUSSIAN, bimo per, Is Ak Nauk, Otdel Khim Nauk, No 6, 1954, pp 987-991. CIA C 41022

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Investigation of the Products of the Addition of Mercury Salts to Disubstituted Acetylenes, by A. E. Kuriov, V. D. Vilchevskaya, A. N. Nesmeyanov, 7 pp.

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Synthesis of Stereoisomeric Organomercury Compounds via Organolithium Compounds, by A. N. Nesmeyanov, A. E. Borisov, N. A. Volkenau, X pp.

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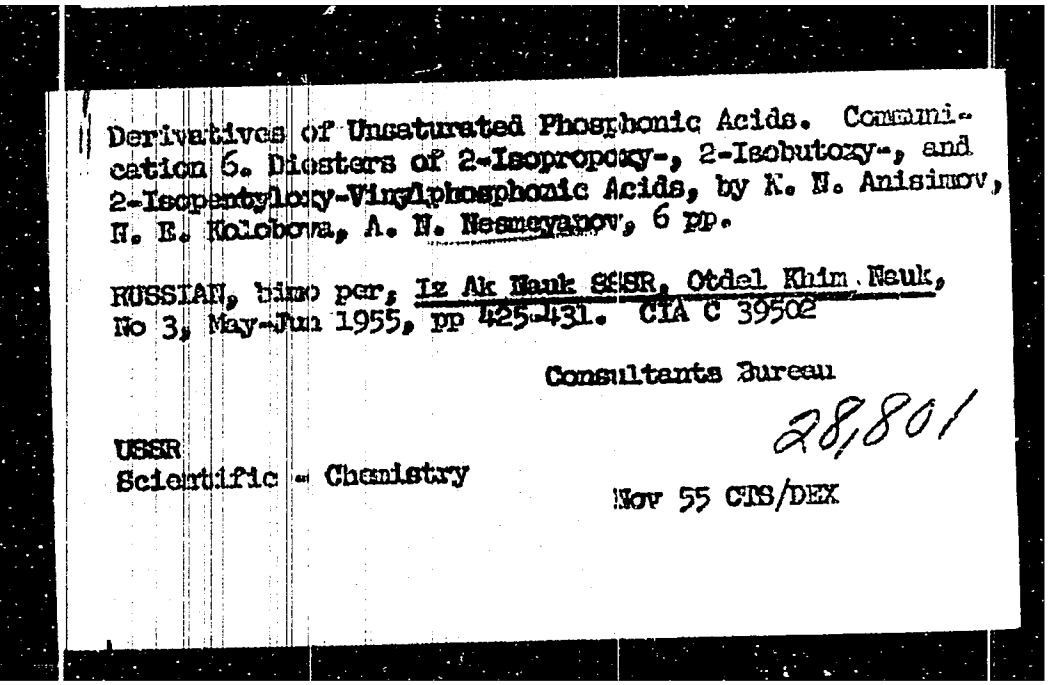

Derivatives of Unsaturated Phosphonic Acids. Communication 6. Diesters of 2-Isopropoxy-, 2-Isobutoxy-, and 2-Isopentyloxy-Vinylphosphonic Acids, by K. N. Anisimov, N. E. Kolobova, A. N. Nesmeyanov, 6 pp.

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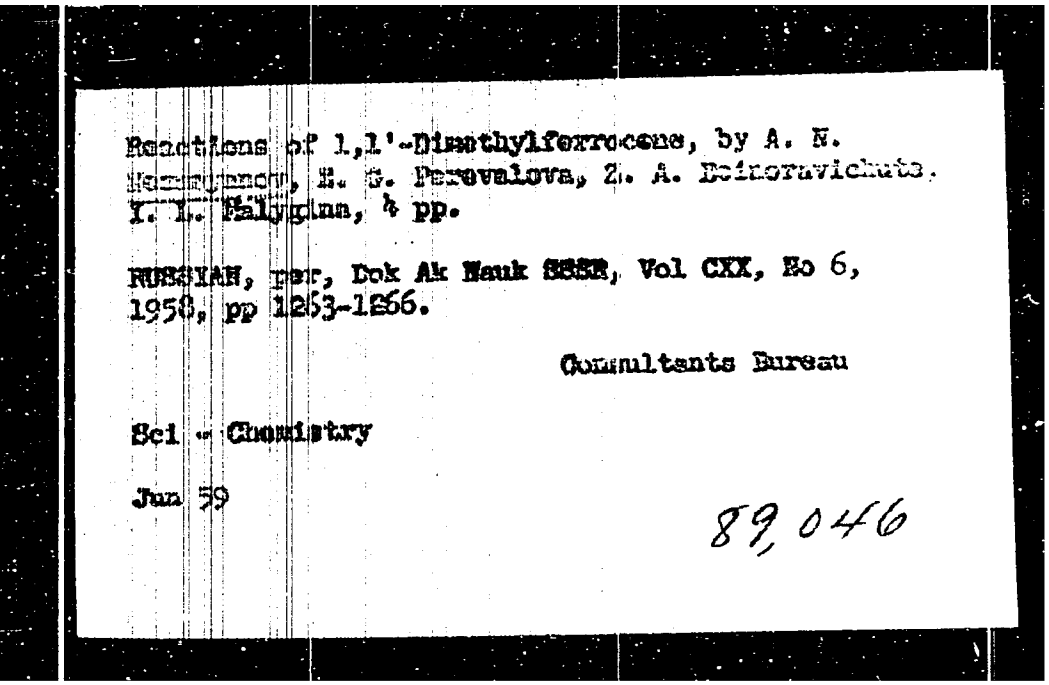

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Derivatives of Unsaturated Fatty Phosphonic Acids, Communication 13. Diesters of 2-(2-Alkoxyethoxy) Vinylphosphono-Mono-, -Di-, and -Tri-Thioic Acids, by K. N. Anisimov, N. E. Kolobova, A. N. Nesmeyanov, 4 pp.

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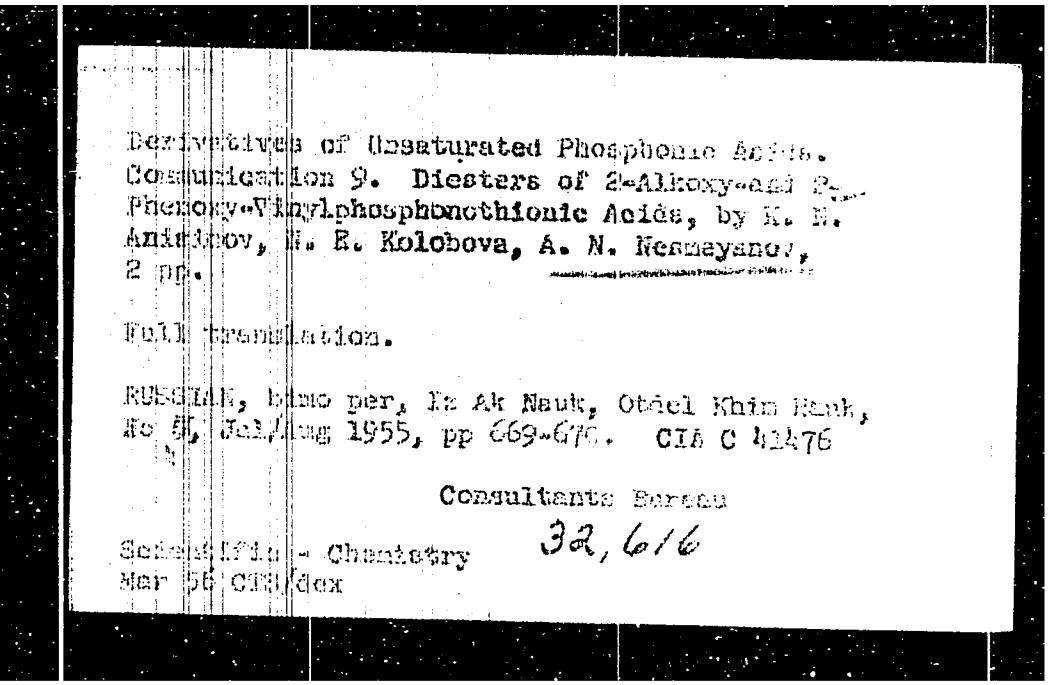

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Reaction of Alkyl 2-Chlorovinyl Ketones With Ethyl Acetoacetate, by N. K. Kochetkov, L. I. Kudryashov, A. N. Nesmeyanov, 6 pp.

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Synthesis of Arylpyrazoles, by N. K. Kochetkov, E. D. Khomutova, O. B. Mikhailova, A. N. Bessmyannov, 5 pp.

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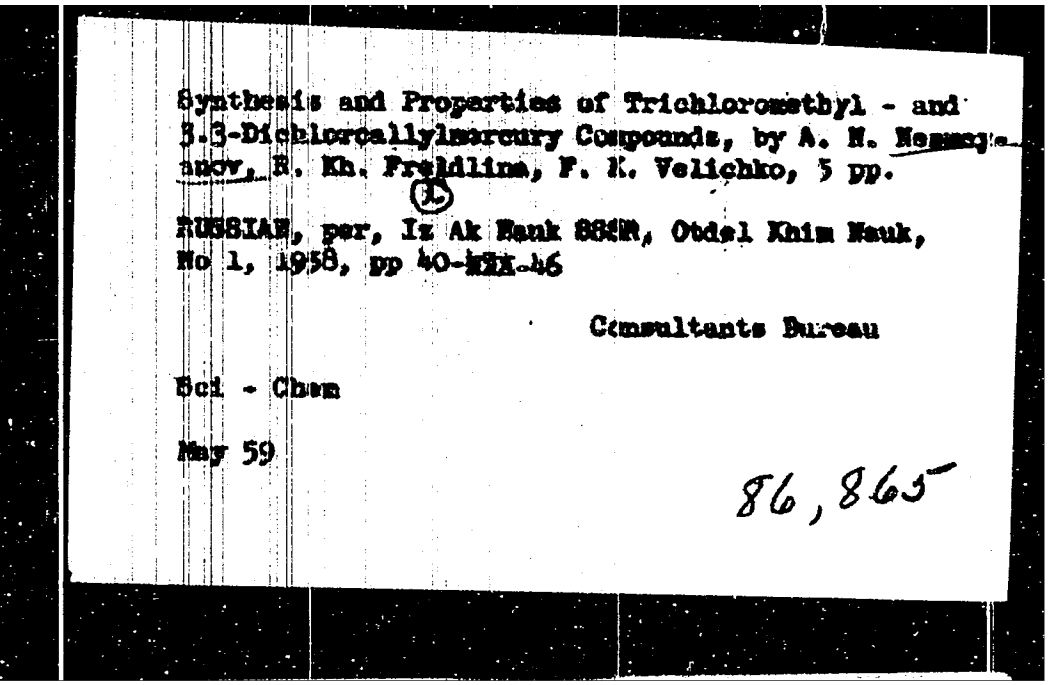

Synthesis and Properties of Trichloromethyl - and 3,3-Dichlorcallylmercury Compounds, by A. N. Nesmeyanov, R. Kh. Freidlina, F. K. Velichko, 5 pp.

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Nesmeyanov, A. N. and Vol'kenau, N. A.
SOME CHROMIUM AREN CARBONYLS. 12 Dec 61, 5p. (some formulae omitted) 10 refs.
Order from OTS or SLA $1.10 63-14084

Trans. of *Akad[emiya] Nauk SSSR. Otdel[enie] Khim[icheskikh] Nauk, 1961 [no. 2] p. 367-368.

DESCRIPTORS: *Chromium compounds, *Carbonyl radicals, *Benzenes, *Methanes, *Stilbenes, *Azides, *Phenyl radicals, Chemical properties, Physical properties, Complex compounds.

As a reaction of chromium hexacarbonyl with diphenyl methane, trans-stilbene and 5.12-dihydrotetrazene were obtained diphenyl methane chromium tricarbonyl, stilbene chromium tricarbonyl and 5.12 dihydrotetrazene chromium tricarbonyl. Tolane, in reaction with $Cr(CO)_6$, forms hexaphenyl benzol. Tetrazene does not react with $Cr(CO)_6$. In no case was bis-(chromium tricarbonyl) obtained. (Author)

63-14084

I. Nesmeyanov, A. N.
II. Vol'kenau, N. A.

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(Chemistry--Organic, TT, v. 10, no. 6)
Office of Technical Services

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LC or SLA 59-10028

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Breakdown of the Ferrocene Nucleus by Hydrogenation and the Action of Halogens, by A. N. Nesmeyanov, E. G. Perevalova, R. V. Golovnya, T. V. Nikitina, N. A. Simukova, 4 pp.

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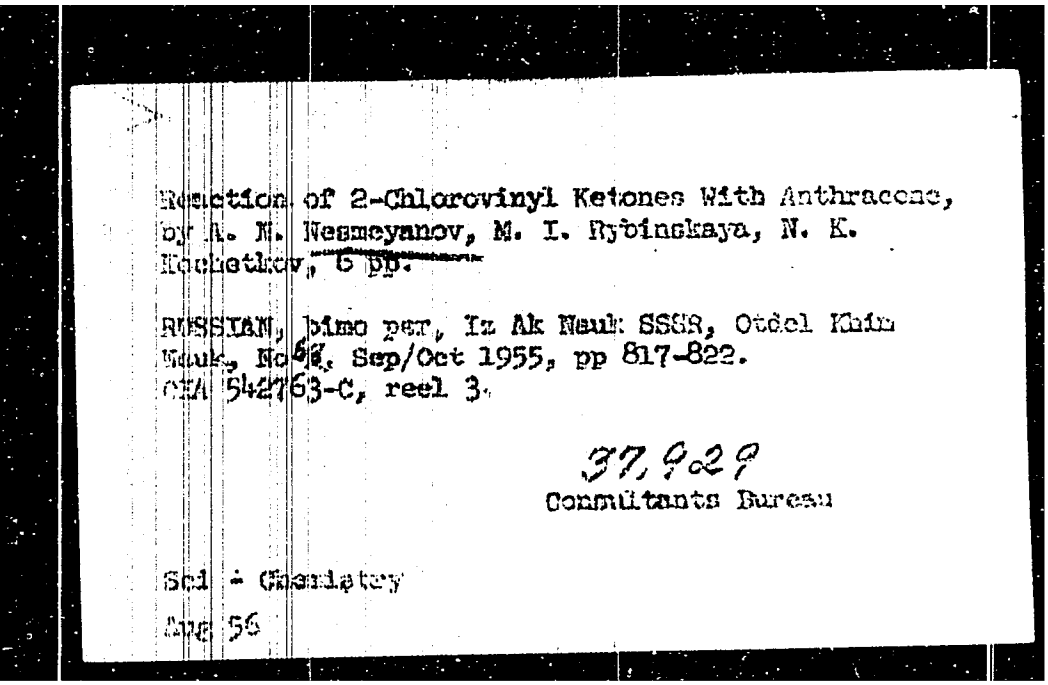

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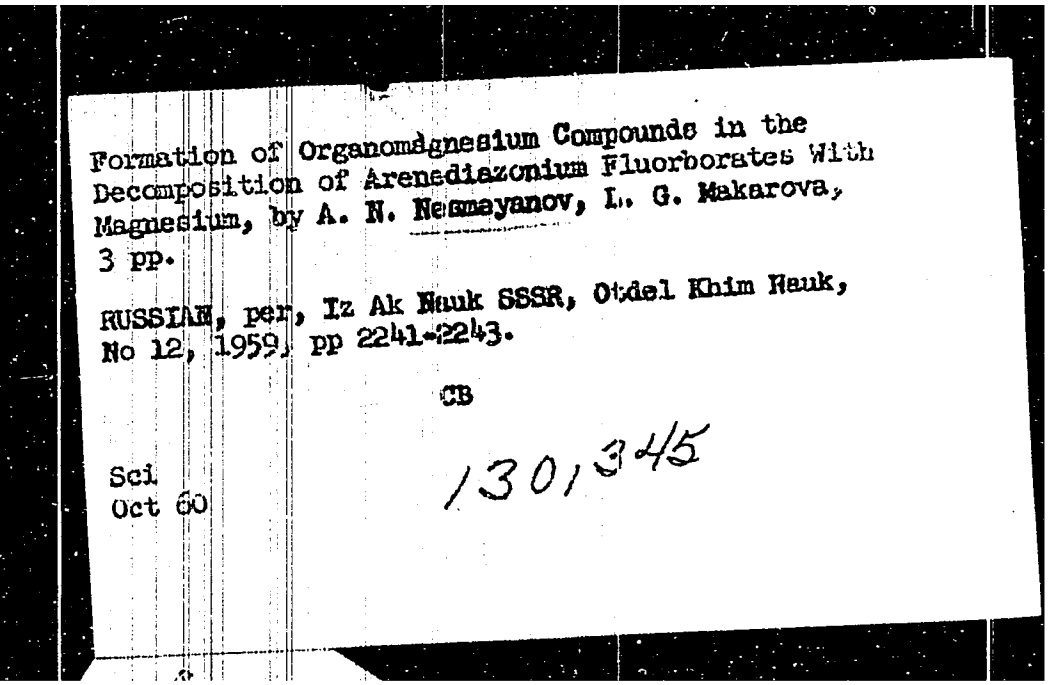

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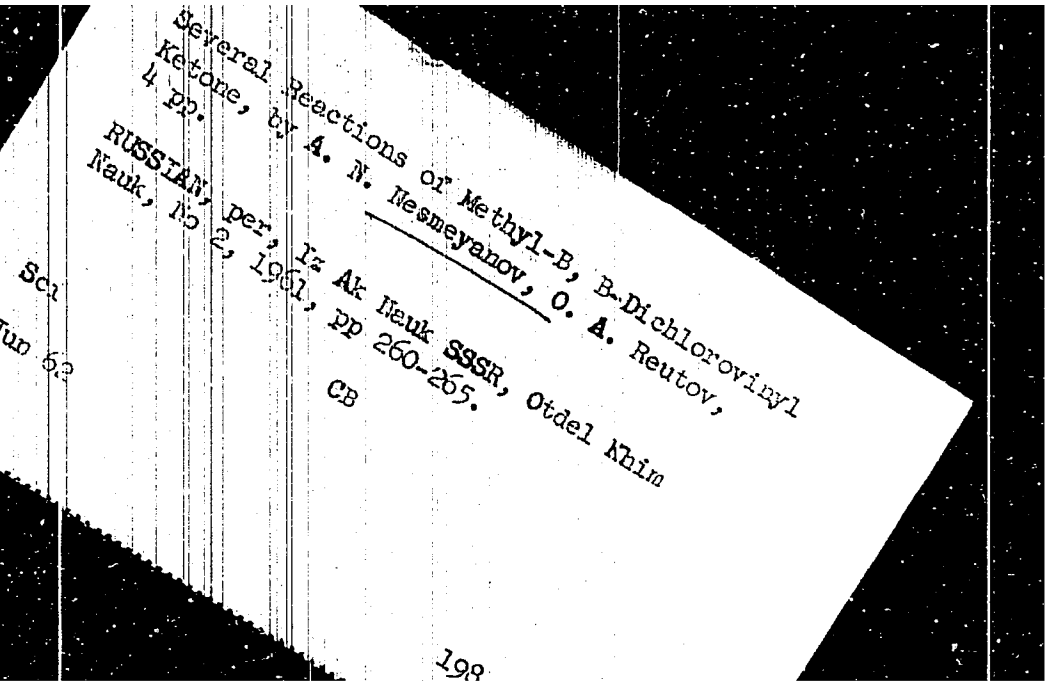

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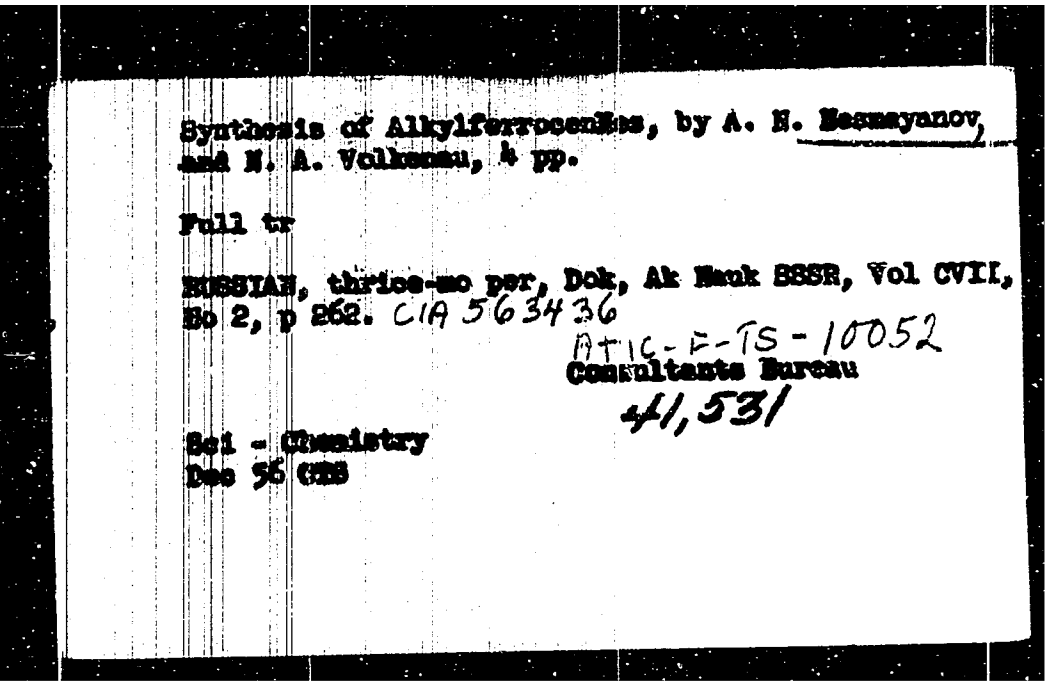

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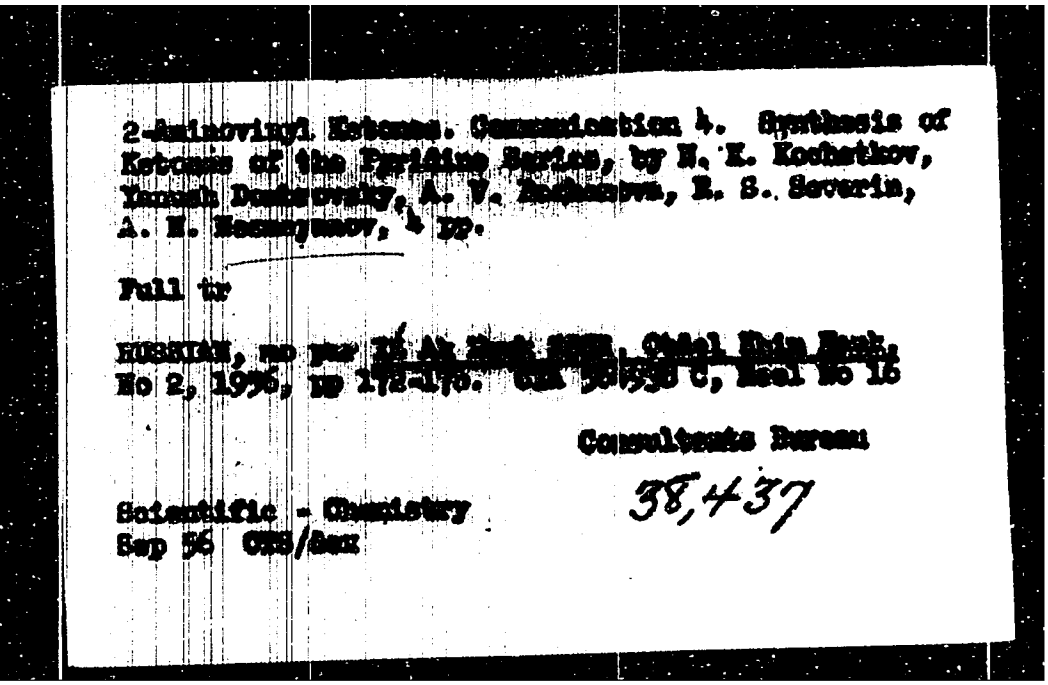

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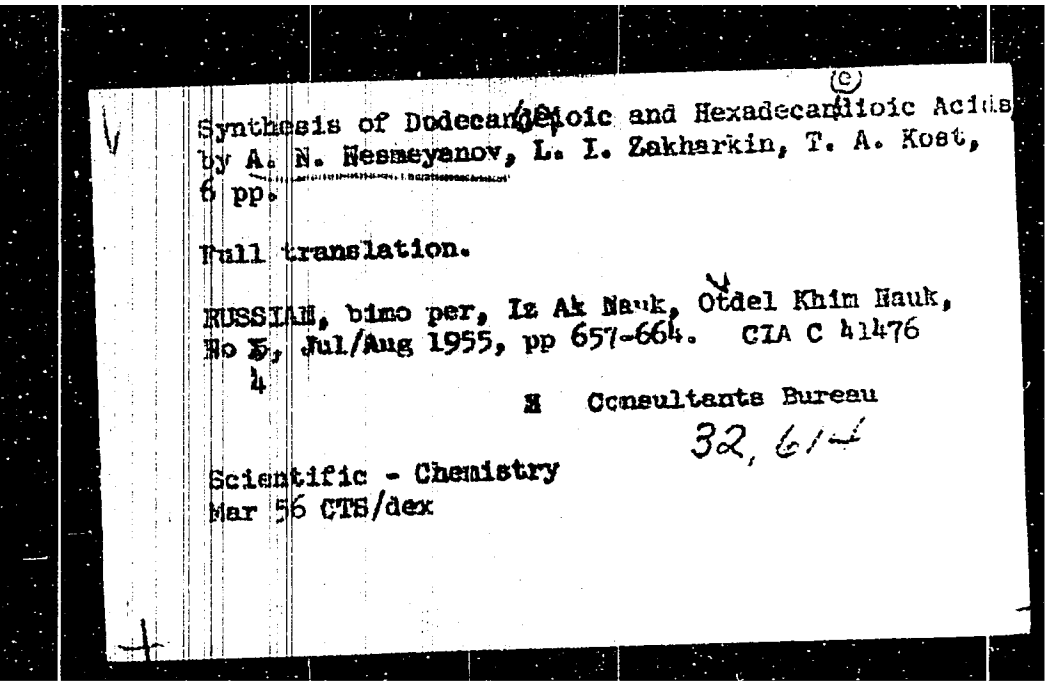

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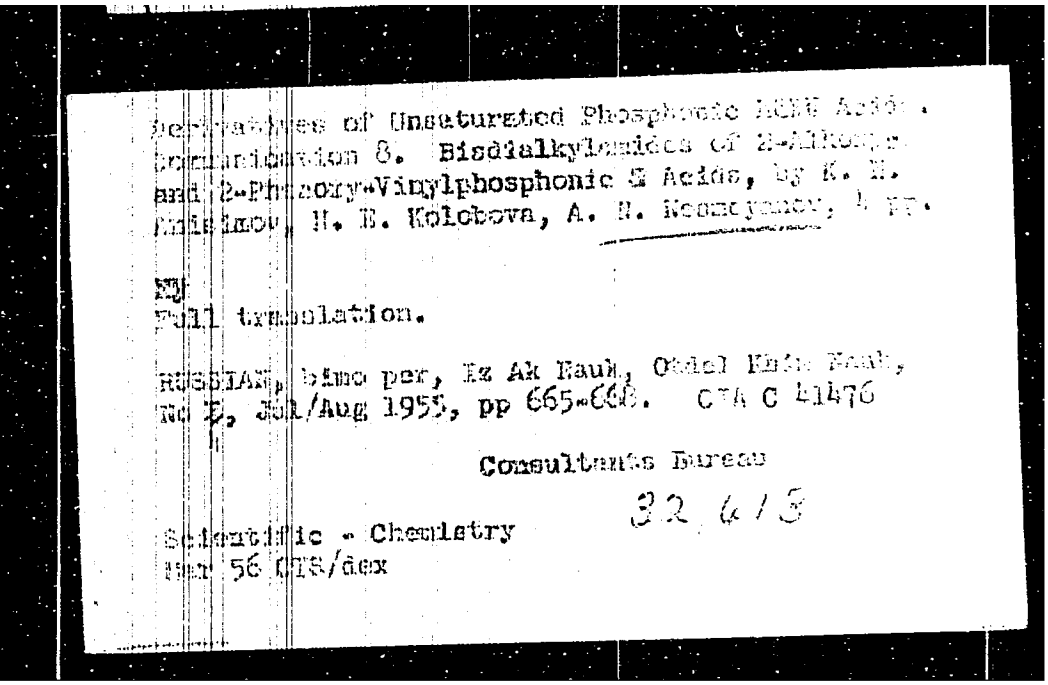

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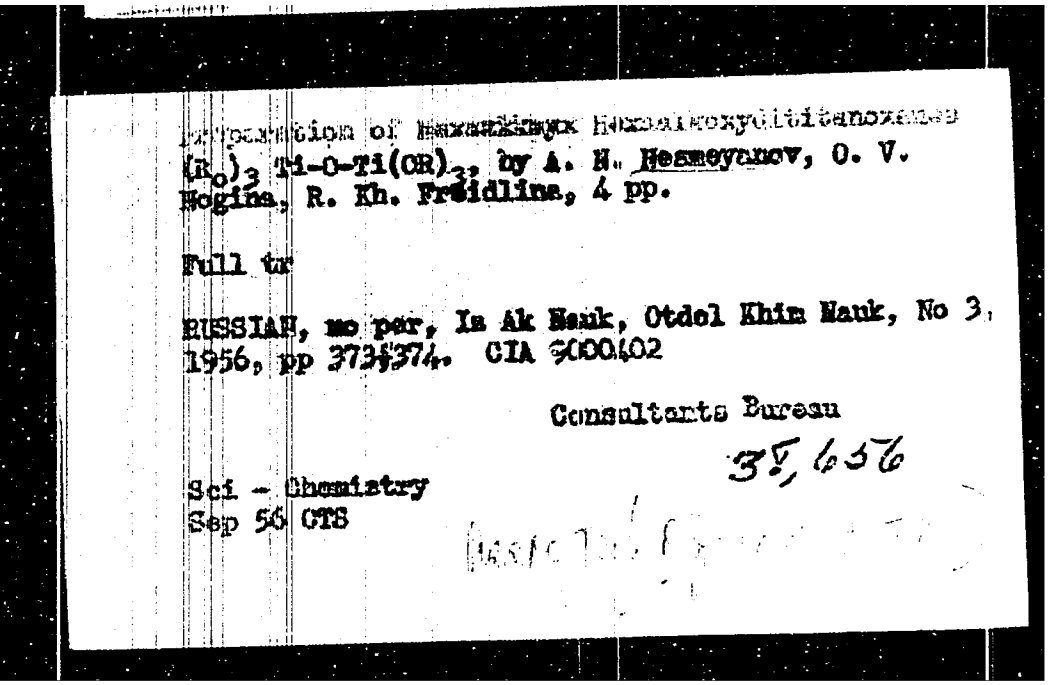

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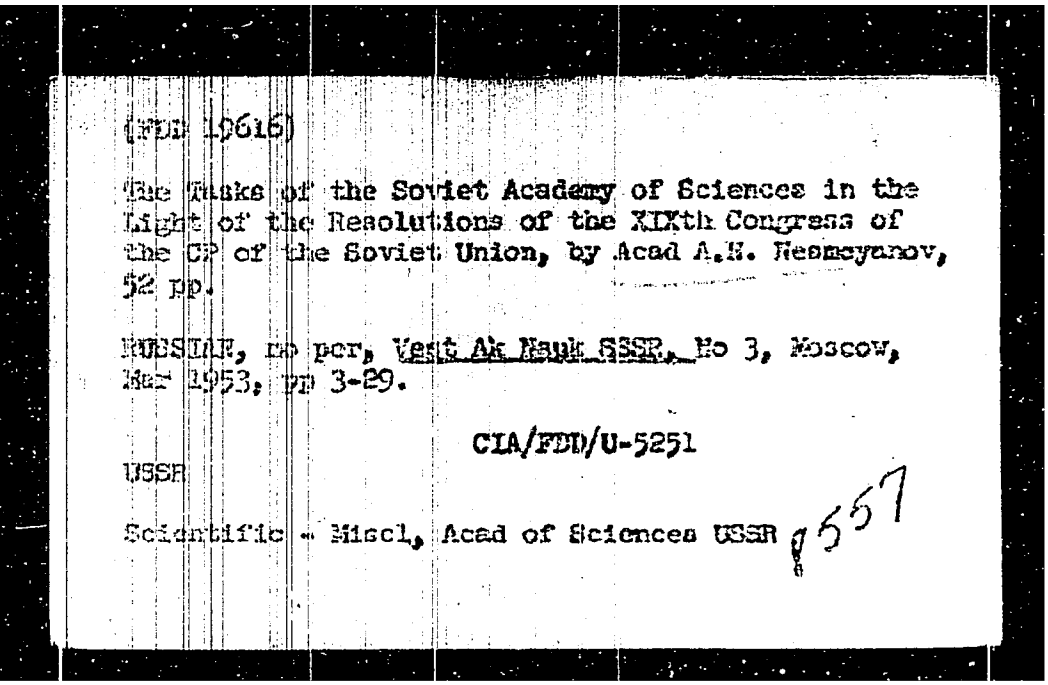

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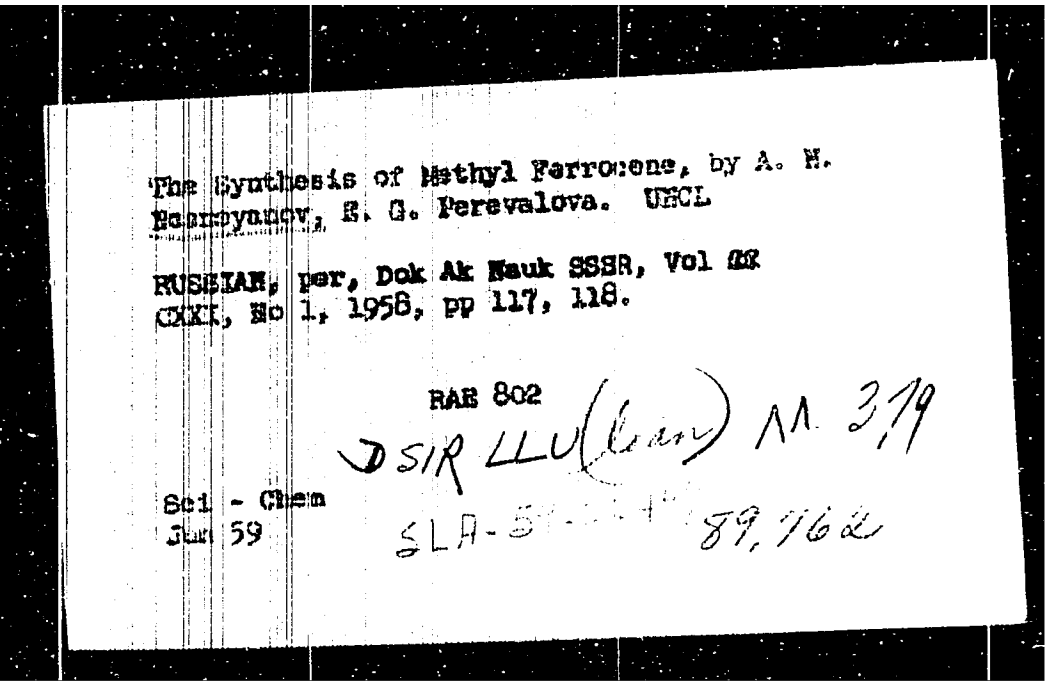

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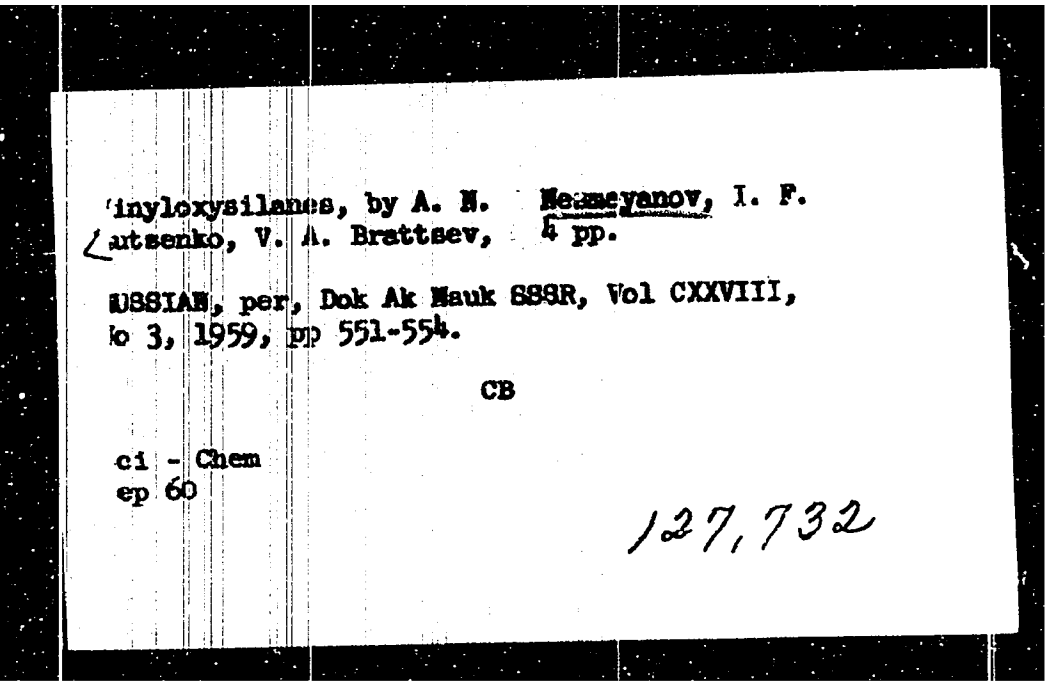

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